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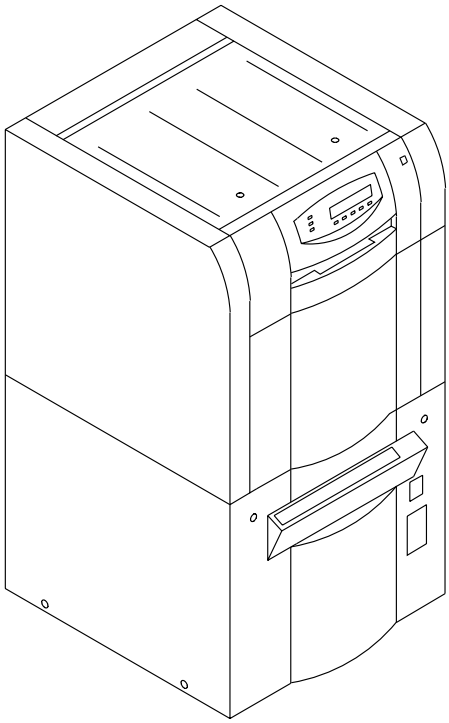
User Guide for the KODAK Miniloader 2000P Darkroom Film Feeder



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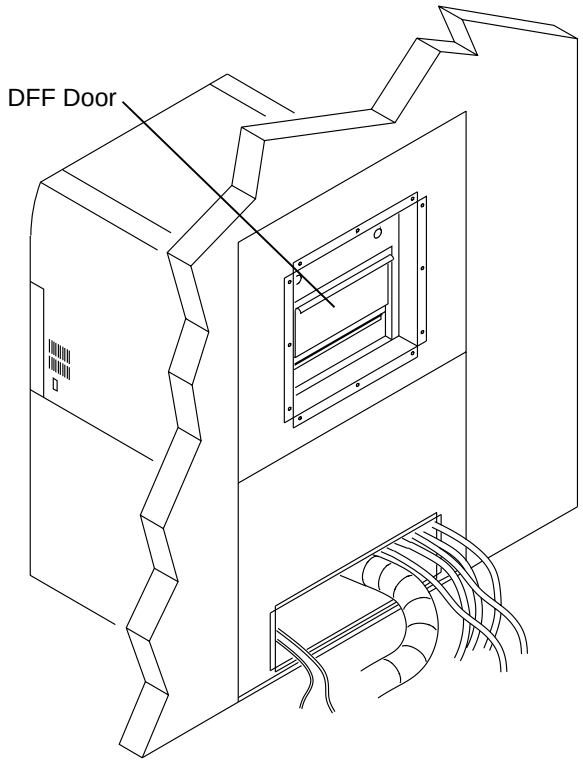
1 Introduction

The KODAK Miniloader 2000P Darkroom Film Feeder (DFF) is an optional accessory for the KODAK Miniloader 2000P (Miniloader). The DFF is installed through a cutout in the wall and is placed in a darkroom while the Miniloader is in normal room light. This enables the customer to process non-standard or infrequently used film sizes through the Processor in the integrated Processor.

The DFF is powered by the Miniloader with Safety Extra Low Voltage (SELV).

Exposed film is placed in the DFF and is then automatically fed into the KODAK MIN-R Mammography Processor (Processor). The Processor is capable of handling film sizes up to a width of 35 cm.

The Display Panel on the front of the Miniloader lets you operate the Miniloader and indicates the status of the DFF when in use. Cassette insertion and exit, access to the Film Supply Magazine and film exit are performed at the Operator Interface located at the front of the Miniloader.



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Warning

The KODAK Miniloader 2000P and the KODAK Miniloader 2000P Darkroom Film Feeder must be installed by a qualified KODAK Service Representative.

The DFF does not include any parts to be repaired by the operator. The operator may only open the DFF Door. Do not perform repairs yourself. Call for a KODAK Service Representative.

2 General Function

Film Input

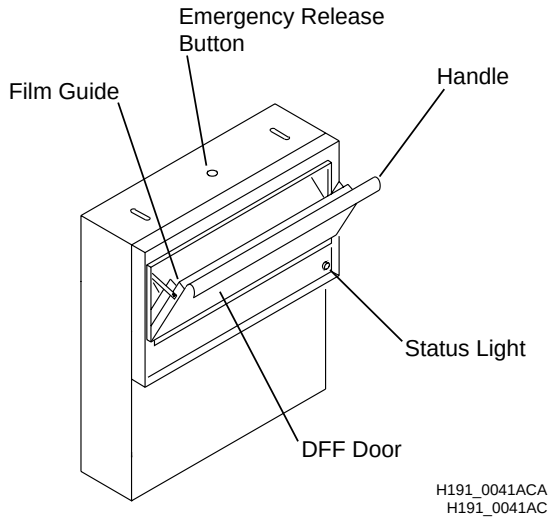
Important

For film input operation with the DFF, there must be no light in the darkroom except the safelight recommended for the x-ray film being used.

1. Check that the Status Indicator is green.
2. Pull the Handle toward you to open the DFF Door.
3. Place the film on the inclined Film Guide. The maximum film width is 35 cm (14 in.).

Note

- Feed 35 x 43 cm size film with the 35 cm edge first.
- Feed mammography film with the emulsion side down.
- Feed one film at a time through the DFF.
- Feed long films along the left or right side of the Film Guide.
- Feed film parallel to the Film Guide.
- Tri-fold film must be fed with the DFF Door open and should be picked up at the Processor Exit Bin by hand to prevent the film from falling on the floor.



Important

Do not feed Laser film through the DFF.

4. Close the DFF Door.

   As soon as the Door is closed, the Status Indicator changes from green to red and the Door is locked. When the film has passed the Processor Entrance Rollers, the Status Indicator turns green again. The DFF is now ready for the next film input.

Continuous Film Input

Continuous Film Feed allows feeding of more than one film without closing the DFF Door.

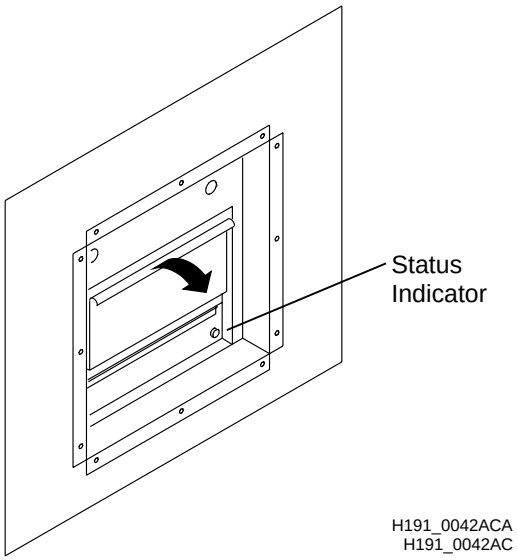
1. Feed the first film and leave the DFF Door open.
2. As soon as the buzzer is heard, the next film can be fed.
3. After the last film is fed, close the DFF Door. The Miniloader is now ready for operation again.

Status Indicator

Important

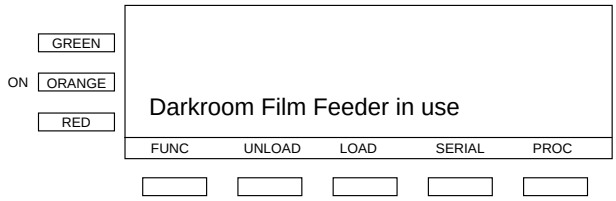
- The DFF does not monitor the Processor temperature. After the system is turned on, the Status Indicator becomes green even if the Processor has not reached the correct temperature. Use the Display Panel on the front of the Miniloader to check that the Processor is ready.
- In case of an emergency, a film can be fed even if the Processor is not at the correct temperature, but the quality of the processed film may not be sufficient.
- You can operate the DFF as long as the Status Indicator is green, even if there is an error code on the Display Panel of the Miniloader. The film path of the Processor and the DFF is not affected if there is an error present in the Cassette Unit or the Magazine Unit.

The DFF has a Status Indicator located on the side of the DFF. The Status Indicator has a double LED, Green/Red.



Status Indicator	Description
Green	The Miniloader is in standby mode. This allows the DFF Door to be opened and the film fed.
Red	The DFF Door is locked due to the following: • the Miniloader is in use • the Processor is not ready for the next film input • the Door has been opened and closed without any film input, and the unit assumes a film is being fed to the Processor. The Status Indicator illuminates green again as soon as the unit recognizes that there is no film in the system, approximately 40 seconds • the wait time for the film to enter the Processor is not complete
No Status Indicator	The Miniloader is turned off and the DFF Door is locked.

When the DFF Door is open, the Miniloader's Display Panel displays the following screen:



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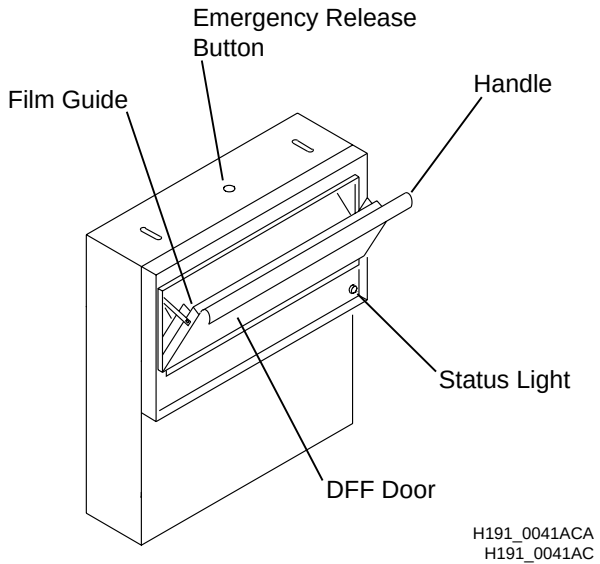
The Miniloader will not accept a Cassette and the Status Indicator is orange.

Emergency Door Release

If the Green Status Indicator does not display due to a Miniloader error or Miniloader power loss, use the Emergency Release Button to open the DFF door. Press and hold down the Emergency Release Button and pull open the door. For through-the-wall installations, two people may be required.

If the Miniloader is not energized, you can still process film. Push the Standby Override Switch, located in the service tunnel, to start the processor transport and feed the film through the DFF.



3 Warranty and Service

Warranty

Kodak warrants this KODAK Miniloader 2000P Darkroom Film Feeder to function correctly for one year from the date of initial installation, when installed within one year from date of shipment.

Warranty Repair Coverage

If this equipment does not function correctly during the warranty period, the KODAK Service Representative will provide or arrange for repair of the equipment during the dealer's normal working hours. Such repair service will include any adjustments and/or replacement of parts required to maintain your equipment in good working order.

The Miniloader requires a constant active exhaust 24 hours a day, 7 days a week. Failure to follow this requirement will cause destruction of the machine which will not be covered by any warranty.

How to Obtain Service

Should the equipment require service, refer to the sales contract for details on whom to call for service, or contact the KODAK Service Representative.

Limitations

Warranty service is limited to the contiguous United States, the island of Oahu in Hawaii, and certain areas of Alaska.

This warranty does not cover:

- circumstances beyond the control of Kodak
- misuse
- abuse
- attachments
- accessories
- alterations not marketed by Kodak (including service or parts to correct problems resulting from the use of such attachments, accessories, or alterations)
- failure to follow the operating instructions recommended by Kodak
- supply items

Important

Kodak makes no other warranties, express or implied, for this equipment.

- Repair without charge is the only obligation of both Kodak and the dealer under this warranty. Kodak will not be responsible for any consequential or incidental damages resulting from the sale, use, or improper functioning of this equipment, even if loss or damage is caused by the negligence or other fault of Kodak.
- Such damages for which Kodak will not be responsible, include, but are not limited to, loss of revenue or profit, downtime costs, loss of use of the equipment, cost of any substitute equipment, facilities or services or claims of your customers for such damages.
- This limitation of liability will not apply to claims for injury to persons or damage to property caused by the sole negligence or fault of Kodak or by persons under its direction or control.

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